

Name: _____

at1110paper__practice__test (v43)

1. Expand the following expression into standard form.

$$(2x - 3)(4x - 7)$$

2. Solve the equation.

$$(9x + 7)(5x - 6) = 0$$

3. Expand the following expression into standard form.

$$(8x - 7)(8x + 7)$$

4. Expand the following expression into standard form.

$$(4x - 3)^2$$

5. Factor the expression.

$$x^2 + 11x + 28$$

6. Factor the expression.

$$16x^2 - 81$$

7. Solve the equation with factoring by grouping.

$$15x^2 + 18x + 10x + 12 = 0$$

8. Solve the equation.

$$9x^2 + 11x + 9 = 4x^2 + 2x + 5$$